

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

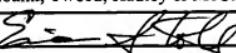
**TRANSMITTAL
FORM**

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/519,109
Filing Date	August 12, 2002
First Named Inventor	Nelson
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	17357.01401US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks 1. Information Disclosure Statement 2. Copies of 51 Cited References		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm Name
Milbank, Tweed, Hadley & McCloy LLPSignature
Printed name
Einar StoleDate
4-11-05 Reg. No. 47,272**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
NELSON *et al.*) Group Art Unit: Not Yet Assigned
Patent Application Serial No. 10/519,109) Examiner: Not Yet Assigned
Filed: August 12, 2002)
For: *Method for Isolating Subpopulations*)
Of Proteins That Engage in Protein-)
Protein Interactions)

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD
Commissioner of Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in C.F.R. § 1.56, applicants are submitting herewith copies of references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Forms PTO/SB/08A and PTO/SB/08B with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

Applicants' submission of the Information Disclosure Statement (IDS) shall not be construed as an admission that the cited references are prior art to the present invention, or that the cited references qualify as printed publications. The submission of this IDS also shall not be construed as a representation that a prior art search has been performed.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted before the mailing of a first Official Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in any event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 13-3250 under referenced No. 17357.01401US.

ATTORNEY DOCKET NO. 17357.01401US

Respectfully submitted,
MILBANK, TWEED, HADLEY & McCLOY LLP

Date: April 11, 2005

By: 
Einar Stole
Registration No. 47,272

Customer No. 38647
MILBANK, TWEED, HADLEY & McCLOY LLP
1825 I Street, N.W.,
Suite 1100
Washington, DC 20006
Tel. No. (202) 835-7500
Fax No. (202) 835-7586

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

Application Number	10/519,109
Filing Date	August 12, 2002
First Named Inventor	Nelson
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	17357 01401US

Sho

at

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary.

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if applicable. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. ALL/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/519,109
				Filing Date	August 12, 2002
				First Named Inventor	Nelson
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet		of		Attorney Docket Number	17357.01401US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Akiyama, Tomoko Hayaski, et al. "A Method for Selective Isolation of the Amino-Terminal Peptide from a-Amino-Blocked Proteins," Analytical Biochemistry 222, 210-216 (1994)			
		Andrade, J.D., et al. "Remote Fiber-Optic Biosensors Based on Evanescent-Excited Fluoro-immunoassay: Concept and Progress," IEEE Trans. Elec. Dev., ED-32, No. 7, July 1985			
		Araki, Naokatsu, et al. "Stoichiometry of subunit e in rat liver mitochondrial H ⁺ -ATP synthase and membrane topology of its putative Ca ²⁺ -dependent regulatory region," Biochem. Biophys. Acta, 1504 (2001) 220-228			
		Beeckmans, Sonia "Chromatographic Methods to Study Protein-Protein Interactions," Methods 19, 278-305 (1999)			
		Benaski, Sharron E. "Investigation of Protein-Protein Interactions within Flagellar Dynein Using Homobifunctional and Zero-Length Crosslinking Reagents," Methods, 22 365-371 (2000)			
		Bosscher, Ramon, et al. "Phosphorylation of Rat Liver Heterogeneous Nuclear Ribonucleoproteins A2 and C Can Be Modulated by Calmodulin," Molecular and Cellular Biology, Feb. 1995, p. 661-670			
		Bradford, Marion M. "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding," Analytical Biochemistry 72, 248-254 (1976)			
		Brandeis, Rachel, et al. "The Use of the Morris Water Maze in the Study of Memory and Learning," Intern. J. Neurosci., 48:29-69 (1989)			
		Davis, Michael T., et al. "A Microscale Electrospray Interface for On-Line, Capillary Liquid Chromatography/Tandem Mass Spectrometry of Complex Peptide Mixtures," Anal. Chem. 1995, 67, 4549-4556			
		Eng, Jimmy K., "An Approach to Correlate Tandem Mass Spectral Data of Peptides with Amino Acid Sequences in a Protein Database," Amer. Soc. Mass Spec., 5:976-989 (1994)			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/519,109	
		Filing Date	August 12, 2002	
		First Named Inventor	Nelson	
		Art Unit	Not Yet Assigned	
		Examiner Name	Not Yet Assigned	
Sheet	of		Attorney Docket Number	17357.01401US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Fields, Stanley et al. "A novel genetic system to detect protein-protein interactions," Nature, Vol. 340: 245-247 (1989)	
		Friedrichs, E. et al. "Influence of Calcium Permeabilization and Membrane-Attached Hemoglobin on Erythrocyte Deformability," Am. J. Hematol., 41(3):170-177 (1992)	
		Gavin, Anne-Claude et al. "Functional organization of the yeast proteome by systematic analysis of protein complexes," Nature 415:141-147 (2002)	
		Golitsina, N.L. et al. "Ca2+-Dependent Binding of Calcyclin to Muscle Tropomyosin," Biochem Biophys Res Commun, 220(2):360-365 (1996)	
		Ho, Yuen et al. "Systematic Identification of protein complexes in <i>Saccharomyces cerevisiae</i> by mass spectrometry," Nature 415:180-183 (2002)	
		Hubbard, Michael J. et al. "Mitochondrial ATP synthase F1-B-subunit is a calcium-binding protein," FEBS Letters 391 (1996) 323-329	
		Ito, Takashi et al. "A comprehensive two-hybrid analysis to explore the yeast protein interactome," Proc. Natl. Acad. Sci. USA, 98(8):4560-4574 (2001)	
		Kaneko, T. et al. "Identification of Calponin as a Novel Substrate of Rho-Kinase," Biochem. Biophys. Res. Commun., 273(1):110-116 (2000)	
		Kenworthy, Anne K. "Imaging Protein-Protein Interactions Using Fluorescence Resonance Energy Transfer Microscopy," Methods, 24:289-296 (2001)	
		Kiessig, Steffen et al. "Application of a green fluorescent fusion protein to study protein-protein interactions by electrophoretic methods," Electrophoresis, 22:1428-1435 (2001)	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/519,109	
		Filing Date	August 12, 2002	
		First Named Inventor	Nelson	
		Art Unit	Not Yet Assigned	
		Examiner Name	Not Yet Assigned	
Sheet	of		Attorney Docket Number	17357.01401US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		Kronick, Mel N. et al. "A New Immunoassay Based On Fluorescence Excitation by Internal Reflection Spectroscopy," J. Immunol. Methods, 8:235-240 (1975)		
		Kumar, Anuj et al. "Protein complexes take the bait," Nature, Vol. 415:123-124 (2002)		
		Li, Lingjun et al. "High-Throughput Peptide Identification from Protein Digests Using Data-Dependent Multiplexed Tandem FTICR Mass Spectrometry Coupled with Capillary Liquid Chromatography," Anal. Chem. 2001, 73, 3312-3322		
		MacBeath, Gavin et al. "Printing Proteins as Microarrays for High-Throughput Function Determination," Science, 289:1760-1763 (2000)		
		McMahan, Scott A. et al. "Use of Aryl Azide Cross-Linkers To Investigate Protein-Protein Interactions: An Optimization of Important Conditions as Applied to Escherichia coli RNA Polymerase and Localization of a σ70-a Cross-Link to the C-Terminal Region of A+," Biochemistry 1994, 33, 12092-12099		
		Mochizuki, Naoki et al. "Spatio-temporal Images of growth-factor-induced activation of Ras and Rap1," Nature, 411:1065-1068 (2001)		
		Morris, Richard "Developments of a water-maze procedure for studying spatial learning in the rat," J. Neurosci. Methods, 11(1):47-60 (1984)		
		Nelson, Thomas J. et al. "Isolation of Protein Subpopulations Undergoing Protein-Protein Interactions," Mol. Cell. Proteomics, 1:253-259 (2002)		
		Noren, Nicole K. et al. "Cadherin Engagement Regulates Rho family GTPases," J. Biol. Chem., 276(36):33305-33308 (2001)		
		Pappin, D.J.C. et al. "Rapid identification of proteins by peptide-mass fingerprinting," Curr. Biol. 3(6):327-332 (1993)		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<i>Complete if Known</i>		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/519,109	
		Filing Date	August 12, 2002	
		First Named Inventor	Nelson	
		Art Unit	Not Yet Assigned	
		Examiner Name	Not Yet Assigned	
Sheet	of		Attorney Docket Number	17357.01401US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		Park, Sang-Hyun et al. "Green Fluorescent Protein Chimeras to Probe Protein-Protein Interactions," Methods Enzymol, 328:251-261 (2000)		
		Pawelecz, Cloud P. et al. "Reverse phase protein microarrays which capture disease progression show activation of pro-survival pathways at the cancer invasion front," Oncogene 20(16):1981-1989 (2001)		
		Perkins, David N. "Probability-based protein identification by searching sequence databases using mass spectrometry data," Electrophoresis 1999, 20, 3551-3567		
		Rappaport, Juri et al. "A Generic Strategy To Analyze the Spatial Organization of Multi-Protein Complexes by Cross-Linking and Mass Spectrometry," Anal. Chem., 72:267-275 (2000)		
		Rollins, Carl T. et al. "A ligand-reversible dimerization system for controlling protein-protein interactions," Proc. Natl. Acad. Sci. USA, 97:7096-7101 (2000)		
		Rossen, Stefaan et al. "A Phage Display Technique for a Fast, Sensitive, and Systematic Investigation of Protein-Protein Interactions," J. Protein Chem., 16:499-503 (1997)		
		Schafer, Beat W. et al. "The S100 family of EF-hand calcium-binding proteins: functions and pathology," Trends in Biochem., 21:134-139 (1996)		
		Smith, G.P. "Filamentous Fusion Phage: Novel Expression Vectors That Display Cloned Antigens on the Virion Surface," Science, 228:1315-1317 (1985)		
		Sudol, Marius et al. "Functions of WW domains in the nucleus," FEBS Lett., 490(3):190-195 (2001)		
		Tercero, Juan Carlos et al. "Affinity Chromatography of Fibrinogen on Lens culinaris Agglutinin Immobilized on CNBr-Activated Sepharose: Study of the Active Groups Involved in Nonspecific Adsorption," Anal Biochem, 174 (1):128-136 (1988)		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/519,109	
		Filing Date	August 12, 2002	
		First Named Inventor	Nelson	
		Art Unit	Not Yet Assigned	
		Examiner Name	Not Yet Assigned	
Sheet	of		Attorney Docket Number	17357.01401US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		Treves, Susan et al. "Interaction of S100A1 with the Ca ²⁺ Release Channel (Ryanodine Receptor) of Skeletal Muscle," Biochemistry 1997, 36, 11495-11503		
		Trojanowski, John Q. et al. "Fatal Attraction" of Proteins. A Comprehensive Hypothetical Mechanism Underlying Alzheimer's Disease and Other Neurodegenerative Disorders." Ann. N.Y. Acad. Sci., 924:62-67 (2000)		
		Uetz, Peter et al. "A comprehensive analysis of protein-protein interactions in <i>Saccharomyces cerevisiae</i> ," Nature, 403:623-627 (2000)		
		Washburn, Michael P. et al. "Large-scale analysis of the yeast proteome by multidimensional protein identification technology," Nature Biotechnology 19:242-247 (2001)		
		Weinstein, Harel et al. "Ca ²⁺ -Binding and Structural Dynamics in the Functions of Calmodulin," Ann. Rev. Physiol. 56:213-236 (1994)		
		Yamada, Ester W. et al. "The Calcium-binding ATPase Inhibitor Protein from Bovine Heart Mitochondria," J. Biol. Chem., 263(23):11498-11503 (1988)		
		Association of Biomolecular Resource Facilities. Representative "In-Gel" Digestion Protocol for Proteins in SDS PAGE Gel. (1977)		
		The Image Analysis and Measurement Lab.		

Examiner Signature	/Jeffrey Lundgren/	Date Considered	02/12/2009
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./